

**EASTERN UNIVERSITY SRI LANKA**  
**FINAL YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE- 2004/2005**  
**ASC -4103 REPRODUCTIVE PHYSIOLOGY (2:15/30)**

**Answer All questions**

**Time: One hour**

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1. Briefly explain the following;

- a) H-Y antigen and sex differentiation in farm animals
- b) Follicular atresia in cows
- c) Heat detection in female farm animals

2. Discuss the following;

- a) Termination of luteal function in female farm animals
- b) Maternal recognition of pregnancy